



SELKIRK FIRE, RESCUE & EMS

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August 19, 2020

To Mayor Davis, Council members

From: Fire Chief Dale Hopkins

Ref SUB006-19 Orchard Ridge Estates Preliminary Plat

The State of Idaho and the City of Dover has adopted the International Fire Code. As such, it is reasonable to believe the City of Dover has a certain responsibility to meet the intent of the Fire Code.

Section 507.1 of the International Fire Code states "An approved water supply capable of supplying the required fire flow for fire protection shall be provided to premises upon which facilities, buildings, or portions of buildings are hereafter constructed or moved into or within the jurisdiction".

Section 507.2 was modified by the State of Idaho during adoption by IDAPA 18.08.01 to read "A water supply shall consist of water delivered by fire apparatus, reservoirs, pressure tanks, elevated tanks, water mains or other sources approved by the fire code official capable of providing the required flow."

Appendix B of the International Fire Code lists fire flow requirements for buildings. Table B105.1(1) lists fire flow requirements for a single family residence without an automatic sprinkler system from 0-3600 square ft. as requiring 1,000 gallons per minute for 1 hour.

A standard Fire Department response within the City of Dover can be expected to provide approximately 4,000 gallons of water initially to the incident leaving us with a deficit of 6,000 gallons. The Orchard Ridge Estates Plat is not served by an approved water system for the purpose of providing required fire flow. For this reason, I request this preliminary subdivision plat not be approved without the provision for at least an additional 6,000 gallons of onsite water storage for the purpose of providing the required fire flow per the International Fire Code and approved by the Fire Code Official.

Respectfully submitted

Dale Hopkins, Fire Chief
Westside Fire Protection District.